

Conservation Stewardship Program

Fiscal Year 2022

Code	Practice	Component	Units	Unit Cost
314	Brush Management	Biological Brush Management Low Density	Ac	\$61.51
314	Brush Management	Medium Brush Management	Ac	\$7.95
314	Brush Management	Removal of Invasive Woody Understory, Light	Ac	\$10.64
314	Brush Management	Very Heavy Brush Management	Ac	\$32.26
314	Brush Management	Removal of Invasive Woody Understory, Very Heavy	Ac	\$73.61
314	Brush Management	Light Brush Management	Ac	\$4.95
314	Brush Management	Removal of Invasive Woody Understory, Medium	Ac	\$18.24
314	Brush Management	Heavy Brush Management	Ac	\$19.99
314	Brush Management	Removal of Invasive woody, Heavy	Ac	\$24.99
315	Herbaceous Weed Treatment	Blanket Treatment One Pass	Ac	\$5.38
315	Herbaceous Weed Treatment	Medium Spot Treatments	Ac	\$8.75
315	Herbaceous Weed Treatment	Light Spot Treatment	Ac	\$3.13
315	Herbaceous Weed Treatment	Tree & Shrub Post-planting Weed Control	Ac	\$11.09
315	Herbaceous Weed Treatment	Aquatic Areas Weed Control	Ac	\$33.77
315	Herbaceous Weed Treatment	Blanket Treatment Multi Pass	Ac	\$11.69
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	\$14.07
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	\$128.55
319	On-Farm Secondary Containment Facility	Double Wall Tank	Gal	\$0.28
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	SqFt	\$2.11
327	Conservation Cover	Introduced with Forgone Income	Ac	\$45.00
327	Conservation Cover	Native Species with Forgone Income	Ac	\$52.33
327	Conservation Cover	Introduced Species	Ac	\$16.83
327	Conservation Cover	Pollinator Mix on Urban Sites	kSqFt	\$12.08
327	Conservation Cover	Native Species	Ac	\$21.12
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	\$3.69
328	Conservation Crop Rotation	Specialty Crop Rotations Urban or Small Scale	kSqFt	\$3.58
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$1.39

Code	Practice	Component	Units	Unit Cost
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	\$2.16
329	Residue and Tillage Management, No Till	Urban Small Scale No Till No Dig with Residue or Cover	kSqFt	\$4.08
333	Amending Soil Properties with Gypsum Products	Gypsum less than 1 ton per acre	Ac	\$3.63
334	Controlled Traffic Farming	Controlled Traffic -Annual	Ac	\$1.94
338	Prescribed Burning	Grassland, Small acreage (<=10 acres)	Ac	\$4.36
338	Prescribed Burning	Grassland, > 10 acres	Ac	\$3.43
338	Prescribed Burning	Woodland, Small acreage (<=10 acres)	Ac	\$12.27
338	Prescribed Burning	Woodland, >10 acres	Ac	\$8.72
340	Cover Crop	Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$2.41
340	Cover Crop	Multi-species Cover Crop per 1000 square feet	kSqFt	\$5.20
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$6.81
340	Cover Crop	Winter Kill Cover Crop Species	Ac	\$4.51
342	Critical Area Planting	Small Area Disturbance	kSqFt	\$0.62
342	Critical Area Planting	Small Scale or Urban Field Permanent Cover	kSqFt	\$1.61
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$23.22
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$55.94
342	Critical Area Planting	Gully Repair and Seeding with Native or Introduced Vegetation	Ac	\$258.28
345	Residue and Tillage Management, Reduced Till	Urban Small Scale Reduced Tillage with Residue or Cover	kSqFt	\$3.53
345	Residue and Tillage Management, Reduced Till	Adoption of Reduced Tillage Management Practices	Ac	\$1.01
374	Energy Efficient Agricultural Operation	Reverse Osmosis >= 1000 GPH	Gal/Hr	\$1.76
374	Energy Efficient Agricultural Operation	Reverse Osmosis > 250 <1000 GPH	Gal/Hr	\$2.39
374	Energy Efficient Agricultural Operation	Heating - Radiant Systems	kBTU/Hr	\$1.30
374	Energy Efficient Agricultural Operation	Controller - Multi-Function, Multiple Environmental Condition	No	\$404.43
374	Energy Efficient Agricultural Operation	Controller - Single Function	No	\$18.98
374	Energy Efficient Agricultural Operation	Heating - Attic Heat Recovery Vents	No	\$21.08
374	Energy Efficient Agricultural Operation	Ventilation - Heat Recovery System	No	\$1,000.00
374	Energy Efficient Agricultural Operation	Controller - Multi-Function, Single Environmental Condition	No	\$173.09
374	Energy Efficient Agricultural Operation	Refrigeration - Compressor Heat Recovery System	No	\$467.75
374	Energy Efficient Agricultural Operation	Refrigeration - Plate Cooler	No	\$503.74

Code	Practice	Component	Units	Unit Cost
374	Energy Efficient Agricultural Operation	Ventilation - Horizontal Air Flow/Stir Fan	No	\$24.62
374	Energy Efficient Agricultural Operation	Ventilation - Exhaust	No	\$167.40
374	Energy Efficient Agricultural Operation	Reverse Osmosis <= 250 GPH	Gal/Hr	\$3.92
374	Energy Efficient Agricultural Operation	Refrigeration - Scroll Compressor	HP	\$59.06
374	Energy Efficient Agricultural Operation	Controller - Variable Speed Drive for <=1 HP Motor	HP	\$91.45
374	Energy Efficient Agricultural Operation	Controller - Variable Speed Drive for >1 to <10 HP Motor	HP	\$32.59
374	Energy Efficient Agricultural Operation	Heating - Building	kBTU/Hr	\$1.73
374	Energy Efficient Agricultural Operation	Ventilation - Cool Cell, Evaporative Cooling System	SqFt	\$2.15
374	Energy Efficient Agricultural Operation	Controller - Variable Speed Drive for 10 to <50 HP Motor	HP	\$23.77
374	Energy Efficient Agricultural Operation	Controller - Variable Speed Drive for >= 50 HP Motor	HP	\$9.83
374	Energy Efficient Agricultural Operation	Maple Syrup PreHeater <= 24 SF	SqFt	\$110.82
374	Energy Efficient Agricultural Operation	Maple Syrup PreHeater > 24 SF	SqFt	\$54.10
378	Pond	Embankment, Tile Conduit	CuYd	\$0.29
378	Pond	Excavated Pit	CuYd	\$0.18
378	Pond	Embankment, 4in-6in Pipe	CuYd	\$0.45
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation - Sod Release	Ft	\$0.04
380	Windbreak/Shelterbelt Establishment and Renovation	Coppicing	Ft	\$0.23
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation-Thinning or tree removal with Dozer (trees > 8 inches DBH) followed by hand planting	Ft	\$0.51
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, bareroot shrubs	Ft	\$0.06
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, bareroot trees	Ft	\$0.04
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, container trees 2 gallons and larger	Ft	\$0.14
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, container shrubs 2 gallon and larger	Ft	\$0.33
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation - Thinning or tree/shrub removal with Skidsteer followed by hand planting	Ft	\$0.46
382	Fence	Permanent Wildlife Exclusion	Ft	\$0.83
382	Fence	Permanent High Tensile Electric 2-3 Strand	Ft	\$0.18
382	Fence	Permanent High Tensile Electric Single Strand	Ft	\$0.12
382	Fence	Permanent High Tensile, Minimum 4 Strand, Double H bracing	Ft	\$0.28
382	Fence	Permanent Woven Wire	Ft	\$0.29
382	Fence	Permanent High Tensile, Minimum 4 Strand, Single H brace	Ft	\$0.22

Code	Practice	Component	Units	Unit Cost
382	Fence	Safety	Ft	\$0.68
382	Fence	Permanent Barbed Wire Multi Strand	Ft	\$0.25
386	Field Border	Field Border, Pollinator	Ac	\$45.25
386	Field Border	Field Border, Pollinator, Forgone Income	Ac	\$76.46
386	Field Border	Field Border, Introduced Species, Forgone Income	Ac	\$31.96
386	Field Border	Small Scale Urban Field Border	kSqFt	\$7.59
386	Field Border	Field Border, Native Species	Ac	\$17.06
386	Field Border	Field Border, Native Species, Forgone Income	Ac	\$48.28
386	Field Border	Field Border, Introduced Species	Ac	\$9.32
390	Riparian Herbaceous Cover	Pollinator	Ac	\$74.54
390	Riparian Herbaceous Cover	Prairie Cordgrass Restoration	Ac	\$95.59
390	Riparian Herbaceous Cover	Native Grass	Ac	\$46.36
391	Riparian Forest Buffer	Direct Seeding	Ac	\$101.43
391	Riparian Forest Buffer	Container Trees and Shrubs, less than 2 gallon, Each	No	\$1.64
391	Riparian Forest Buffer	Bareroot trees, each	No	\$0.23
391	Riparian Forest Buffer	Bareroot shrubs, each	No	\$0.20
391	Riparian Forest Buffer	Container Trees and Shrubs 2 gallon and larger, Each	No	\$2.34
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	Ac	\$49.12
393	Filter Strip	Filter Strip, Introduced species	Ac	\$17.91
393	Filter Strip	Filter Strip, Native species	Ac	\$24.63
393	Filter Strip	Filter Strip, Native species, Forgone Income	Ac	\$55.84
394	Firebreak	Constructed - Medium equipment, steep slopes	Ft	\$0.19
394	Firebreak	Constructed - Medium equipment, flat-medium slopes	Ft	\$0.04
394	Firebreak	Constructed - Handline	Ft	\$0.01
394	Firebreak	Constructed - Light Equipment	Ft	\$0.01
394	Firebreak	Constructed - Wide, bladed or disked firebreak	Ft	\$0.26
394	Firebreak	Vegetated permanent firebreak	Ft	\$0.02
395	Stream Habitat Improvement and Management	Backwater Refuge	No	\$53.85
396	Aquatic Organism Passage	Concrete Dam Removal	Ft	\$42.84

Code	Practice	Component	Units	Unit Cost
396	Aquatic Organism Passage	Culvert Replacement	No	\$496.67
410	Grade Stabilization Structure	Gabion Chute	CuYd	\$31.22
410	Grade Stabilization Structure	Open Flow Drop Spillway	SqFt	\$18.68
410	Grade Stabilization Structure	Embankment 4in-6in Pipe	CuYd	\$0.45
410	Grade Stabilization Structure	Concrete Drop Box with PVC outlet pipe	Ft	\$6.90
410	Grade Stabilization Structure	Side Inlet	Ft	\$8.95
410	Grade Stabilization Structure	Concrete Block Chute	SqFt	\$1.20
410	Grade Stabilization Structure	Treated Wood Drop Structure	SqFt	\$6.35
410	Grade Stabilization Structure	Geotextile Reinforced Vegetated Outlet	SqFt	\$0.28
410	Grade Stabilization Structure	Pipe Drop, Smooth Steel or CMP, <1000 CY Earthfill	SqFt	\$1.74
410	Grade Stabilization Structure	Embankment Tile Conduit	CuYd	\$0.29
410	Grade Stabilization Structure	Open Flow Drop Spillway-High overfall or sheet pile	SqFt	\$28.72
410	Grade Stabilization Structure	Embankment 8in-12in Pipe	CuYd	\$0.48
410	Grade Stabilization Structure	Grouted Rock Rip Rap Chute	CuYd	\$13.29
410	Grade Stabilization Structure	Full Flow Straight Pipe	DialnFt	\$0.64
410	Grade Stabilization Structure	Embankment Tile Conduit with Plunge Pool and Riprap Backslope	CuYd	\$0.90
410	Grade Stabilization Structure	Embankment >12in	CuYd	\$0.51
410	Grade Stabilization Structure	Concrete Drop Structure	CuYd	\$97.86
410	Grade Stabilization Structure	Rock Rip Rap Chute	CuYd	\$8.99
412	Grassed Waterway	>55 foot top width	Ac	\$420.82
412	Grassed Waterway	35-55 foot top width with checks	Ac	\$531.80
412	Grassed Waterway	<35 foot top width	Ac	\$324.03
412	Grassed Waterway	>55 foot top width with checks	Ac	\$597.72
412	Grassed Waterway	<35 foot top width with checks	Ac	\$489.59
412	Grassed Waterway	35-55 foot top width	Ac	\$343.85
420	Wildlife Habitat Planting	Pollinator Species with Forgone Income	Ac	\$80.52
420	Wildlife Habitat Planting	Native Species	Ac	\$21.12
420	Wildlife Habitat Planting	Monarch Species Mix	Ac	\$98.61
420	Wildlife Habitat Planting	Native Species with Forgone Income	Ac	\$52.33

Code	Practice	Component	Units	Unit Cost
420	Wildlife Habitat Planting	Monarch Species Mix with Foregone Income	Ac	\$129.83
420	Wildlife Habitat Planting	Pollinator Species	Ac	\$49.30
420	Wildlife Habitat Planting	Interseeding Native Forbs, Pollinator or Monarch Mixes	Ac	\$21.49
422	Hedgerow Planting	1 row hedgerow, container trees planting stock	Ft	\$0.11
422	Hedgerow Planting	1 row hedgerow, bareroot shrub seedling planting stock	Ft	\$0.06
422	Hedgerow Planting	1 row hedgerow, container shrubs planting stock	Ft	\$0.19
422	Hedgerow Planting	1 row hedgerow, bareroot tree seedling planting stock	Ft	\$0.04
430	Irrigation Pipeline	Microirrigation Pipeline	Ft	\$0.37
430	Irrigation Pipeline	PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$0.59
441	Irrigation System, Microirrigation	Small Microirrigation System	SqFt	\$0.08
441	Irrigation System, Microirrigation	Potted Plant or Nursery Microirrigation System	SqFt	\$0.03
441	Irrigation System, Microirrigation	Seasonal High Tunnel Microirrigation System	No	\$27.96
441	Irrigation System, Microirrigation	Specialty Crop Microirrigation System	Ac	\$293.92
441	Irrigation System, Microirrigation	Trees and Shrubs Microirrigation System	Ft	\$0.05
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	SqFt	\$0.03
442	Sprinkler System	Pod System	No	\$28.84
442	Sprinkler System	Solid Set System	Ac	\$450.79
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	No	\$267.88
443	Irrigation System, Surface and Subsurface	Multiple Inlet Irrigation	Ac	\$2.38
443	Irrigation System, Surface and Subsurface	Ebb and Flow Benches	SqFt	\$1.34
449	Irrigation Water Management	Soil Moisture Sensors	No	\$153.90
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder	No	\$209.32
449	Irrigation Water Management	Advanced IWM	Ac	\$2.12
449	Irrigation Water Management	IWM for microirrigation systems and specialty crops	Ac	\$7.28
449	Irrigation Water Management	IWM for row crops	Ac	\$1.36
449	Irrigation Water Management	IWM for Seasonal High Tunnels	No	\$54.57
472	Access Control	Animal exclusion from sensitive areas	Ac	\$5.19
484	Mulching	Tree and Shrub, Individual Treatment, Soil Moisture Management	No	\$0.13
484	Mulching	Natural Material, Soil Moisture Management, Seasonal High Tunnel	No	\$3.43

Code	Practice	Component	Units	Unit Cost
484	Mulching	Synthetic Material, Soil Moisture Management, Seasonal High Tunnel	No	\$8.64
484	Mulching	Natural Material, Soil Moisture Management	Ac	\$30.88
484	Mulching	Erosion Control Blanket, Vegetation Establishment	Ac	\$842.69
490	Tree/Shrub Site Preparation	Spray, Cross Rip ARRI	Ac	\$63.92
490	Tree/Shrub Site Preparation	Light Mechanical with Chemical	Ac	\$18.38
490	Tree/Shrub Site Preparation	Heavy Mechanical with Chemical	Ac	\$42.38
490	Tree/Shrub Site Preparation	Light Mechanical	Ac	\$12.17
490	Tree/Shrub Site Preparation	Chemical Application	Ac	\$6.21
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	Ac	\$13.52
511	Forage Harvest Management	Improved Forage Quality	Ac	\$0.62
512	Pasture and Hay Planting	Pasture Renovation Utilizing Interim Seeding	Ac	\$35.30
512	Pasture and Hay Planting	High Diversity Native Grass Establishment or Renovation - no fertility	Ac	\$39.69
512	Pasture and Hay Planting	Interseeding Legumes and/or forbs	Ac	\$18.01
512	Pasture and Hay Planting	Native Grass Establishment or Renovation - no fertility	Ac	\$33.95
512	Pasture and Hay Planting	Introduced Grass Establishment or Renovation	Ac	\$26.94
512	Pasture and Hay Planting	Introduced Perennial & Native Grass Mix, foregone income	Ac	\$39.03
516	Livestock Pipeline	Buried Pipeline, 2in - 3in Plastic	Ft	\$0.39
516	Livestock Pipeline	Cased Pipeline with Boring	Ft	\$13.39
516	Livestock Pipeline	Above Ground Pipeline	Ft	\$0.18
516	Livestock Pipeline	Buried Pipeline, < 2in Plastic	Ft	\$0.24
516	Livestock Pipeline	Bedded Pipeline	Ft	\$0.47
516	Livestock Pipeline	Buried Pipeline, >3in	Ft	\$0.74
528	Prescribed Grazing	High Intensity, <=2 Day Rotation Frequency	Ac	\$6.63
528	Prescribed Grazing	Medium Intensity, 7-3 Days Rotation Frequency	Ac	\$4.64
528	Prescribed Grazing	Deferment, >=210 days	Ac	\$8.87
528	Prescribed Grazing	Cover Crop/Aftermath	Ac	\$1.51
528	Prescribed Grazing	Enhanced - Strip Grazing	Ac	\$7.94
528	Prescribed Grazing	High Density Grazing	Ac	\$9.01
528	Prescribed Grazing	Deferment, 90 - 209 days	Ac	\$6.56

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528	Prescribed Grazing	Low Intensity, > 7 Day Rotation Frequency	Ac	\$3.16
533	Pumping Plant	Wastewater Pump < 1 Hp	No	\$148.60
533	Pumping Plant	Solar Pump for Pond	No	\$203.62
533	Pumping Plant	Vacuum Pump	No	\$653.80
533	Pumping Plant	Windmill-Powered Pump	Ft	\$114.66
533	Pumping Plant	Wastewater Pump 1-5 Hp	No	\$402.02
533	Pumping Plant	Solar Pump for Deep Well	No	\$603.12
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25 ft deep) with Buried Pump House	No	\$453.46
533	Pumping Plant	Livestock Water, Deep Well Pump (> 25 ft deep) with Buried Pump House	No	\$487.31
533	Pumping Plant	Irrigation Pump	No	\$3,346.21
533	Pumping Plant	Manure Pump >5 Hp	No	\$814.36
533	Pumping Plant	Large Wastewater Fuel Driven Pump > 50 Hp	No	\$5,425.89
533	Pumping Plant	Solar Pump for Shallow Well or Spring Development	No	\$244.04
533	Pumping Plant	Microirrigation Pump	No	\$202.69
533	Pumping Plant	Small Wastewater Fuel Driven Pump <= 50 Hp	No	\$2,678.95
533	Pumping Plant	Milk Transfer Pump	No	\$81.00
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25 ft deep)	No	\$192.79
533	Pumping Plant	Livestock Non-Electric Pump	No	\$141.20
533	Pumping Plant	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House	No	\$335.39
533	Pumping Plant	Pump with Sump	No	\$446.76
533	Pumping Plant	Livestock Water, Deep Well Pump (>25 ft deep)	No	\$227.52
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House	No	\$300.66
554	Drainage Water Management	>10 Acres per Structure	Ac	\$0.75
558	Roof Runoff Structure	Roof Gutter, Small	Ft	\$1.07
558	Roof Runoff Structure	Roof Gutter, Large	Ft	\$1.91
558	Roof Runoff Structure	Urban high tunnel roof runoff trench drain and storage	Lnft	\$4.74
558	Roof Runoff Structure	Roof Gutter, Medium	Ft	\$1.71
558	Roof Runoff Structure	Rock Trench Drain	Ft	\$1.06
558	Roof Runoff Structure	Roof Gutter, 6 inches wide with runoff Storage Tank	Ft	\$1.77

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561	Heavy Use Area Protection	Concrete HUA	SqFt	\$0.67
561	Heavy Use Area Protection	Bituminous Concrete Pavement	SqFt	\$0.33
561	Heavy Use Area Protection	Gravel with Geotextile, Thick	SqFt	\$0.16
561	Heavy Use Area Protection	Gravel without Geotextile, Thick	SqFt	\$0.15
570	Stormwater Runoff Control	Rain Garden	SqFt	\$0.10
570	Stormwater Runoff Control	Stormwater Runoff Control	Ac	\$139.68
574	Spring Development	Horizontal Pipe with Collection Box	No	\$251.61
574	Spring Development	Horizontal Collection Pipe	No	\$96.19
574	Spring Development	Vertical Collection and Storage Pipe	No	\$202.19
574	Spring Development	Collection Structure	No	\$134.29
578	Stream Crossing	Culvert Installation	DialnFt	\$0.43
578	Stream Crossing	Repair of Stream Crossing	SqFt	\$0.28
578	Stream Crossing	Rip Rap Crossing	SqFt	\$0.53
578	Stream Crossing	Gravel Crossing	SqFt	\$0.13
580	Streambank and Shoreline Protection	Bankfull Bench, Rock Toe	CuYd	\$33.78
580	Streambank and Shoreline Protection	Stream Barb/LPSTP-Longitudinal Peaked Stone Toe Protection-small Streams	Ft	\$6.64
580	Streambank and Shoreline Protection	Stone Toe protection with vegetation	Ft	\$6.61
580	Streambank and Shoreline Protection	Bankfull Bench, Wood Toe	Lnft	\$14.52
580	Streambank and Shoreline Protection	Bioengineered	Ft	\$2.42
580	Streambank and Shoreline Protection	Structural	CuYd	\$7.45
580	Streambank and Shoreline Protection	Bank Shaping	Ft	\$1.02
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, float activated head pressure valve	No	\$114.73
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, <=10 in. dia. Pipe	No	\$188.66
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, >10 in. dia. Pipe	No	\$271.68
587	Structure for Water Control	Flow Meter with Mechanical Index	In	\$16.42
587	Structure for Water Control	Watertight Flap gate Inflow WCS, Surface Water Control, <=15 in. dia. Pipe	No	\$380.48
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control, >16 in. dia. Pipe.	No	\$672.25
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)	No	\$61.59
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	\$45.67

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, 6-10 in. dia. Pipe	No	\$312.70
587	Structure for Water Control	Automated DWM Control Structure	No	\$647.94
587	Structure for Water Control	Watertight Flap gate Inflow WCS, Surface Water Control, >15 in. dia. Pipe	No	\$429.43
587	Structure for Water Control	Automation Retrofit to Manual Drainage Water Management Control Structure	No	\$423.27
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control, <=16 in. dia. Pipe.	No	\$571.30
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, 12-18 in. dia. Pipe	No	\$523.15
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, >18 in. dia. Pipe	No	\$887.10
590	Nutrient Management	Small Scale Urban Basic Nutrient Management	kSqFt	\$7.15
590	Nutrient Management	NM GRID/ZONE Soil Sampling, Variable Rate - Deep Placement	Ac	\$7.35
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	\$1.97
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	Ac	\$5.69
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	Ac	\$3.63
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	\$0.93
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	No	\$30.77
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor only	No	\$57.14
595	Pest Management Conservation System	Plant Health PAMS (acs) Low labor only	Ac	\$1.52
595	Pest Management Conservation System	Pest Management Precision Ag	Ac	\$6.19
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor and mitigation.	No	\$181.24
595	Pest Management Conservation System	Plant Health PAMS (acs) High labor only (intensive scouting etc.)	Ac	\$4.77
595	Pest Management Conservation System	Plant Health PAMS (acs) Low Labor and Materials	Ac	\$2.24
595	Pest Management Conservation System	Plant Health PAMS activities (Small Farm - each) labor and materials	No	\$498.78
604	Saturated Buffer	Saturated Buffer	Ft	\$0.93
605	Denitrifying Bioreactor	Denitrifying Bioreactor, with liner and soil cover	CuYd	\$7.87
605	Denitrifying Bioreactor	Denitrifying Bioreactor with liner, no soil cover	CuYd	\$6.66
605	Denitrifying Bioreactor	Denitrifying Bioreactor with Automated Water Control Structures	CuYd	\$8.09
606	Subsurface Drain	12in CPP	Ft	\$0.92
606	Subsurface Drain	6in CPP	Ft	\$0.31
606	Subsurface Drain	10in CPP	Ft	\$0.78
606	Subsurface Drain	<= 5in CPP	Ft	\$0.26

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606	Subsurface Drain	>= 15in CPP	Ft	\$1.43
606	Subsurface Drain	Secondary Main Retrofit for DWM	Ft	\$0.83
606	Subsurface Drain	8in CPP	Ft	\$0.59
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Ft	\$0.49
612	Tree/Shrub Establishment	Hardwood Establishment, Bareroot	Ac	\$98.73
612	Tree/Shrub Establishment	Conifer Establishment, Bareroot	Ac	\$65.16
612	Tree/Shrub Establishment	Direct Seeding, no Foregone Income	Ac	\$70.22
612	Tree/Shrub Establishment	Direct Seeding	Ac	\$101.43
612	Tree/Shrub Establishment	Hardwood Establishment, Bareroot, Pasture Conversion	Ac	\$86.19
612	Tree/Shrub Establishment	Tree/shrub Planted Area with Protection	Ac	\$118.88
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, with Tree Shelters, Each	No	\$0.60
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Hand Planting with Shelters	No	\$0.89
612	Tree/Shrub Establishment	Container Trees and Shrubs, less than 2 gallon with tree shelters, Each	No	\$2.01
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Hand Planting	No	\$0.36
612	Tree/Shrub Establishment	Container Trees and Shrubs 2 gallon and larger with tree shelters, Each	No	\$2.71
612	Tree/Shrub Establishment	Container Trees and Shrubs, less than 2 gallon, Each	No	\$1.01
612	Tree/Shrub Establishment	Container Trees and Shrubs, 2 gallon and larger, Each	No	\$1.72
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Each	No	\$0.16
614	Watering Facility	Portable Tank	No	\$22.63
614	Watering Facility	Underground Storage Tank	No	\$530.54
614	Watering Facility	Permanent Tank, <450 gallons	No	\$64.78
614	Watering Facility	Tire Tank	No	\$136.40
614	Watering Facility	Large Permanent Tank, 450 -1000 gallons, or Fountain	No	\$134.62
614	Watering Facility	Above Ground Storage, 1,000 - 3,000 gallons	No	\$269.76
614	Watering Facility	Above Ground Storage, >3,000 gallons	No	\$450.86
614	Watering Facility	Frost Free Waterer	No	\$163.46
614	Watering Facility	Access Ramp	SqFt	\$0.30
620	Underground Outlet	Blind Inlet for Water Quality	CuYd	\$6.29
620	Underground Outlet	10in Diameter Pipe with Catch Basin	Ft	\$1.07

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	8in Diameter Pipe	Ft	\$0.66
620	Underground Outlet	6in Diameter Pipe	Ft	\$0.39
620	Underground Outlet	<=5in Diameter Pipe	Ft	\$0.32
620	Underground Outlet	Trickle Flow Collector	Ft	\$8.50
620	Underground Outlet	Blind Inlet	Ft	\$8.08
620	Underground Outlet	>=12in Diameter Pipe with Risers	Ft	\$1.31
620	Underground Outlet	>=12in Diameter Pipe with Catch Basin	Ft	\$1.31
620	Underground Outlet	>=12in Diameter Pipe	Ft	\$1.05
620	Underground Outlet	<= 5in Diameter Pipe with Catch Basin	Ft	\$0.50
620	Underground Outlet	8in Diameter Pipe with Risers	Ft	\$0.68
620	Underground Outlet	Perforated Pipe Riser	No	\$34.61
620	Underground Outlet	10in Diameter Pipe with Risers	Ft	\$0.97
620	Underground Outlet	10in Diameter Pipe	Ft	\$0.89
620	Underground Outlet	<= 5in Diameter Pipe with Risers	Ft	\$0.36
620	Underground Outlet	6in Diameter Pipe with Catch Basin	Ft	\$0.57
620	Underground Outlet	6in Diameter Pipe with Risers	Ft	\$0.42
620	Underground Outlet	8in Diameter Pipe with Catch Basin	Ft	\$0.80
643	Restoration of Rare or Declining Natural Communities	Glade Restoration, Heavy	Ac	\$87.72
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Light	Ac	\$17.55
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Heavy	Ac	\$27.99
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Medium	Ac	\$21.87
643	Restoration of Rare or Declining Natural Communities	Glade Restoration, Light	Ac	\$45.49
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Heavy	Ac	\$36.20
643	Restoration of Rare or Declining Natural Communities	Development of Deep Micro-Topographic Features with Heavy Equipment.	Ac	\$11.45
643	Restoration of Rare or Declining Natural Communities	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	Ac	\$4.03
643	Restoration of Rare or Declining Natural Communities	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	\$1.39
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	\$0.45
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Light	Ac	\$8.73
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Medium	Ac	\$21.66

Code	Practice	Component	Units	Unit Cost
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	Ac	\$0.45
644	Wetland Wildlife Habitat Management	Topographic Feature Creation, Low	Ac	\$80.49
644	Wetland Wildlife Habitat Management	Topographic Feature Creation, High	Ac	\$179.97
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	Ac	\$4.03
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	Ac	\$11.45
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	\$1.39
644	Wetland Wildlife Habitat Management	Management and monitoring only, foregone income	Ac	\$32.87
645	Upland Wildlife Habitat Management	Wildlife Habitat Enhancement w/ FI	Ac	\$2.18
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	\$0.45
645	Upland Wildlife Habitat Management	Macro Topography, deep	No	\$77.58
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	\$1.39
645	Upland Wildlife Habitat Management	Deferred Acres	Ac	\$33.06
646	Shallow Water Development and Management	Low Level Management, Natural Ponding	Ac	\$3.15
647	Early Successional Habitat Development-Mgt	Mowing and Disking	Ac	\$21.04
647	Early Successional Habitat Development-Mgt	Heavy Mechanical low intensity cut	Ac	\$97.24
647	Early Successional Habitat Development-Mgt	Mowing and Heavy Disking	Ac	\$22.17
647	Early Successional Habitat Development-Mgt	Disking	Ac	\$9.44
647	Early Successional Habitat Development-Mgt	Mowing	Ac	\$19.90
647	Early Successional Habitat Development-Mgt	Strip Spraying	Ac	\$6.14
647	Early Successional Habitat Development-Mgt	Medium Mechanical - Woody Removal	Ac	\$72.98
649	Structures for Wildlife	Rock Structure	No	\$63.99
649	Structures for Wildlife	Brush Pile, Small	No	\$4.36
649	Structures for Wildlife	Downed Tree Structure	No	\$28.06
649	Structures for Wildlife	Hibernacula, Woody material	No	\$66.24
649	Structures for Wildlife	Hibernacula, Rock	No	\$93.44
649	Structures for Wildlife	Edgefeathering, light	Ac	\$69.23
649	Structures for Wildlife	Edgefeathering, heavy	Ac	\$114.57
650	Windbreak/Shelterbelt Renovation	Within Row Replacement, Bare-root Planting Stock	Ft	\$0.05
650	Windbreak/Shelterbelt Renovation	Within Row Replacement, Containerized Planting Stock	Ft	\$0.22

Code	Practice	Component	Units	Unit Cost
650	Windbreak/Shelterbelt Renovation	Removal and/or Thinning with Chain Saw	Ft	\$0.07
655	Forest Trails and Landings	Shaping and Grading with Vegetation Establishment	Ft	\$0.08
655	Forest Trails and Landings	Shaping and Grading	Ft	\$0.06
655	Forest Trails and Landings	Water Bar Installation	No	\$6.69
655	Forest Trails and Landings	Log Landing Shaping and Grading with Vegetation Establishment	Ac	\$168.12
666	Forest Stand Improvement	Temporary Forest Openings, patch clearcuts	Ac	\$35.59
666	Forest Stand Improvement	Forest Stand Improvement, Light	Ac	\$12.97
666	Forest Stand Improvement	Forest Stand Improvement, Heavy	Ac	\$20.07
666	Forest Stand Improvement	Thinning for Wildlife and Forest Health	Ac	\$61.58
666	Forest Stand Improvement	Forest Stand Improvement, Medium	Ac	\$15.88
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	Ac	\$2,932.16
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	Ac	\$168.32
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	Ac	\$76.87
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	Ac	\$41.83
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	Ac	\$61.01
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	Ac	\$146.10
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	Ac	\$54.65
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	Ac	\$70.38
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Ac	\$108.41
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	Ac	\$42.67
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	Ac	\$42.76
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	Ac	\$66.59
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	Ac	\$84.59
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	Ac	\$69.64
B000CPL23	Crop Bundle #23 - Pheasant and quail habitat	Crop Bundle #23 - Pheasant and quail habitat	Ac	\$61.25
B000CPL24	Crop Bundle #24 - Cropland Soil Health Management System	Crop Bundle #24- Cropland Soil Health Management System	Ac	\$57.51
B000FST1	Forest Bundle#1	Forest Bundle#1	Ac	\$103.25
B000FST2	Forest Bundle #2 - Post-fire Management	Forest Bundle #2 - Post-fire Management	Ac	\$1,060.98
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	Ac	\$101.75

Code	Practice	Component	Units	Unit Cost
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	Ac	\$2,588.85
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	Ac	\$1,718.56
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	Ac	\$3,301.26
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	Ac	\$6.74
B000PST5	Pasture Bundle 5	Pasture Bundle #5	Ac	\$73.72
B000PSTX	Pasture Bundle #6 - Pasture	Pasture Bundle #6	Ac	\$91.52
E199A	Comprehensive Conservation Plan	Multiple Enterprise-Medium	No	\$12,405.50
E199A	Comprehensive Conservation Plan	Single Enterprise-Medium	No	\$9,047.21
E199A	Comprehensive Conservation Plan	Single Enterprise-Low	No	\$6,933.37
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan on 2 or more Land Use	No	\$3,394.30
E199A	Comprehensive Conservation Plan	Multiple Enterprise-High	No	\$14,277.79
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan for Operation with > 2 land uses and 2 or more resource concerns	No	\$3,811.00
E199A	Comprehensive Conservation Plan	Basic Comprehensive Conservation Plan-One Land Use	No	\$2,560.92
E199A	Comprehensive Conservation Plan	Single Enterprise-High	No	\$11,125.04
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Cropland and Farmstead	Ac	\$7.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Pasture	Ac	\$3.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Range	Ac	\$1.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP NIPF	Ac	\$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP AAL	Ac	\$0.50
E300EAP2	Existing Activity Payment-Resource Concern	CSP EAP RC met at time of enrollment	No	\$300.00
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	\$19.09
E314A	Brush management to improve wildlife habitat	SU-Brush management to improve wildlife habitat	Ac	\$28.64
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$13.30
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	SU-Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$19.95
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	\$459.97
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	\$786.96
E328A	Resource conserving crop rotation	SU-Resource conserving crop rotation	Ac	\$22.54

Code	Practice	Component	Units	Unit Cost
E328B	Improved resource conserving crop rotation	SU-Improved resource conserving crop rotation	Ac	\$8.05
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	\$3.22
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	\$4.52
E328E	Soil health crop rotation	Soil health crop rotation	Ac	\$5.37
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	\$2.26
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	\$5.37
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	\$4.93
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	\$85.86
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	\$5.37
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	\$10.73
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	\$10.73
E328N	Intercropping to Improve Soil Health	Intercropping to improve soil health	Ac	\$5.37
E328O	Perennial Grain Conservation Crop Rotation	Perennial Grain Rotation	Ac	\$156.33
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	\$3.22
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	\$3.22
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	\$3.22
E329D	No till system to increase soil health and soil organic matter content	No till system to increase soil health and soil organic matter content	Ac	\$4.29
E329E	No till to reduce energy	No till to reduce energy	Ac	\$4.29
E334A	Controlled traffic farming to reduce compaction	Controlled traffic farming to reduce compaction	Ac	\$8.10
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	SU-Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$10.95
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$7.30
E338B	Short-interval burns to promote a healthy herbaceous plant community	Short-interval burns to promote a healthy herbaceous plant community	Ac	\$88.92
E338C	Sequential patch burning	Sequential patch burning	Ac	\$168.97

Code	Practice	Component	Units	Unit Cost
E340A	Cover crop to reduce soil erosion	Cover crop to reduce soil erosion	Ac	\$8.38
E340B	Intensive cover cropping to increase soil health and soil organic matter content	Intensive cover cropping to increase soil health and soil organic matter content	Ac	\$14.47
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	\$12.73
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	\$12.73
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	\$3.89
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	\$12.26
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	\$12.26
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	\$12.73
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	\$14.14
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	\$4.29
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	\$3.22
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	\$3.22
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	\$4.29
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	\$3.22
E374A	Install variable frequency drive(s) on pump(s)	Install variable frequency drive(s) on pump(s)	BHP	\$116.69
E374B	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	\$3,193.70
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	SU-Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.29
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.19
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	SU-Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.81
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.54

Code	Practice	Component	Units	Unit Cost
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	\$623.14
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	\$708.07
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	\$637.95
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	\$708.07
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	\$708.07
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction	Increase riparian herbaceous cover width for sediment and nutrient reduction	Ac	\$510.60
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat	Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	\$355.00
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	\$2,064.25
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	\$2,091.54
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	\$2,091.54
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	\$922.74
E395A	Stream habitat improvement through placement of woody biomass	Stream habitat improvement through placement of woody biomass	Ac	\$18,918.30
E399A	Fishpond management for native aquatic and terrestrial species	Fishpond management for native aquatic and terrestrial species	Ac	\$1,336.12
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	\$4,397.64
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	\$451.39
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	\$786.96
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	Ac	\$5.94
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM – Year 2-5, soil moisture monitoring	Ac	\$20.92
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Advanced Automated IWM – Year 1, Equipment and soil moisture or water level monitoring	Ac	\$53.05

Code	Practice	Component	Units	Unit Cost
E449F	Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	Intermediate IWM— Year 1, Equipment with Soil moisture or Water Level monitoring	Ac	\$43.66
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	Intermediate IWM— Years 2-5, Soil Moisture or Water Level monitoring	Ac	\$9.30
E449J	Intermediate IWM ??? 20% Reducing Water Usage	Intermediate IWM - 20% Reduced Water Usage	Ac	\$35.38
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	SU-Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$3.89
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$2.59
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	\$2.15
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	\$16.19
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	\$40.88
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	\$4.03
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	SU-Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$7.98
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$5.32
E511C	Forage testing for improved harvesting methods and hay quality	Hay quality record keeping for livestock producers	No	\$132.55
E511D	Forage Harvest Management to Improve Terrestrial Habitat for Wildlife during Over-Winter Periods	Forage Harvest Management Overwinter	Ac	\$24.20
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	\$7.83
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	\$23.92
E512C	Cropland conversion to grass for soil organic matter improvement	Cropland conversion to grass for soil organic matter improvement	Ac	\$11.75
E512D	Forage plantings that help increase organic matter in depleted soils	Forage plantings that help increase organic matter in depleted soils	Ac	\$12.69
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	\$59.63

Code	Practice	Component	Units	Unit Cost
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	\$26.77
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	\$17.28
E512K	Establishing Native Species into Forage to Improve Diversity for both Livestock and Wildlife	Establishing native species into forage base to improve diversity for both livestock and wildlife	Ac	\$36.91
E512L	Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality	Diversifying forage base with interseeding forbs and legumes to increase pasture quality.	Ac	\$18.03
E512M	Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition	Forage plantings that improve wildlife habitat cover and shelter or structure and composition	Ac	\$52.46
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	\$4.00
E528B	Grazing management that improves monarch butterfly	Grazing management that improves monarch butterfly habitat	Ac	\$10.50
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	\$17.98
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	\$0.56
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	\$3.38
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	\$25.94
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	\$10.25
E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Ac	\$1.73
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	\$1.88
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	\$17.01
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	\$11.03
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	\$1.73

Code	Practice	Component	Units	Unit Cost
E528N	Improved grazing management through monitoring activities	Improved grazing management through monitoring activities	Ac	\$1.99
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	Clipping mature forages to set back vegetative growth for improved forage quality	Ac	\$37.22
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	\$144.58
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Ac	\$1.69
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	\$41.22
E528S	Soil Health Improvements on Pasture	Soil health improvements on pasture	Ac	\$9.97
E528T	Grazing to Reduce Wildfire Risk on Forests	Improved grazing management for reduction of wildfire risks on Western forests	Ac	\$1.22
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	\$5,300.35
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	Ac	\$5.94
E570A	Enhanced rain garden for wildlife	Enhanced rain garden for wildlife	SqFt	\$0.19
E578A	Stream crossing elimination	Stream crossing elimination	No	\$8,104.59
E580A	Stream corridor bank stability improvement	Stream corridor bank stability improvement	Ac	\$2,134.46
E580B	Stream corridor bank vegetation improvement	Stream corridor bank vegetation improvement	Ac	\$2,134.46
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	\$33.99
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	\$14.67
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	SU-Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$26.18
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$17.45
E590D	Reduce nutrient loss by increasing setback awareness via precision technology for water quality	Reduce risks of nutrient losses to surface and groundwater by increasing setback awareness via precision technology	Ac	\$12.56
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	\$10.71
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	\$6.99
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	\$14.78

Code	Practice	Component	Units	Unit Cost
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	SU-Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$9.03
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$6.02
E595F	Improving Soil Organism Habitat on Agricultural Land	Improving soil organism habitat on agricultural land	Ac	\$10.73
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	\$359.49
E612B	Planting for high carbon sequestration rate	Planting for high carbon sequestration rate	Ac	\$1,656.20
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	\$895.28
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	\$202.27
E612E	Cultural plantings	Cultural plantings	Ac	\$1,851.88
E612F	Sugarbush management	Sugarbush management	Ac	\$832.97
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	\$1,911.03
E643A	Restoration of sensitive coastal vegetative communities	Restoration of sensitive coastal vegetative communities	No	\$136.57
E643B	Restoration and management of rare or declining habitat	Restoration and management of rare or declining habitat	Ft	\$8.61
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern	Restore glade habitat to benefit threatened and endangered species and state species of concern	Ac	\$1,240.57
E644A	Managing Flood-Irrigated Landscapes for Wildlife	Managing Flood-Irrigated Landscapes for Wildlife	Ac	\$26.90
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	\$53.42
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	SU-Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	\$80.13
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	\$312.55
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	\$862.45
E645D	Wildlife Habitat Management Plan for Upland Landscapes	Wildlife Habitat Management Plan for Upland Landscapes	Ac	\$9.82
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Ac	\$29.32
E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Ac	\$34.58

Code	Practice	Component	Units	Unit Cost
E646C	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Ac	\$54.50
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Ac	\$60.73
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	\$11.29
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	\$11.29
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	\$42.40
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	\$259.67
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	\$259.67
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	\$297.76
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	\$305.47
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	\$13.95
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	\$379.63
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	\$606.12
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	\$578.77
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	\$532.24
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	\$55.29
E666P	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for native forest-dwelling bat species	Ac	\$216.00
E666Q	Increase diversity in pine plantation monocultures	Increase diversity in pine plantation monocultures	Ac	\$578.77
E666R	Forest songbird habitat maintenance	Forest songbird habitat maintenance	Ac	\$200.76